

Dominique MARIAULLE et al.

internal resistance thereof, an RLC circuit close to the resonance is formed.--

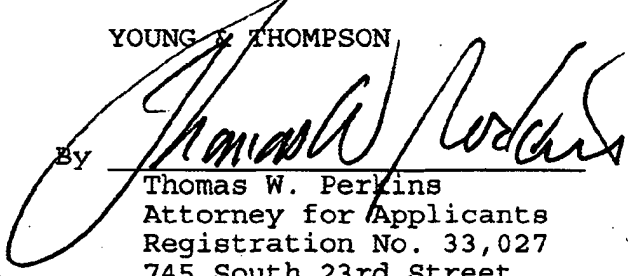
REMARKS

Attached hereto is a marked-up version of the changes made to the Abstract and claims by the current amendment. The attached pages are captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE".

Respectfully submitted,

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By


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MARKED-UP VERSION OF CHANGES MADE TO THE CLAIMS

3. Device according to ~~one of Claims 1 or 2~~ claim 1, characterized in that the supply means (1) are connected to the work circuit via a voltage transformer (T_1).

4. Device according to ~~one of the preceding Claims~~ claim 1, characterized in that the inductance (L_e) arranged between the output terminals (S_1, S_2) of the work circuit is such that, with the intrinsic capacitance of the handpiece (5) and the internal resistance thereof, an RLC circuit close to the resonance is formed.--

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MARKED-UP VERSION OF CHANGES MADE TO ABSTRACT

ABSTRACT OF THE DISCLOSURE

~~The invention relates to a~~ A power assistance device
for an ultrasonic dental handpiece (5). ~~Said device comprises~~
includes a working circuit ~~comprising with~~ a parallel imped-
ance (Ls) between the output terminals (S1,S2) and a control
5 circuit ~~which consists of~~ with a current transformer (T2),
~~whereby~~ the primary winding (7) thereof is serially arranged
in the working circuit and the secondary winding (11) thereof
forms an RLC circuit in conjunction with a capacitor (13) and
a resistor (15) associated therewith. ~~whereby the~~ The voltage
10 of ~~said the~~ circuit at the terminals of the resistor (15) is
transmitted to the input of ~~the above mentioned~~ a power supply
(1). The control circuit ~~comprises means enabling~~ enables
variations in the value of the capacitor (13) and/or the value
of the self-inductance coil of the secondary winding (11) of
15 the transformer (T2).

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